

# The Gazette of India



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### PART III—SECTION 2

#### Notifications and Notices issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

###### Patents and Designs

Calcutta, the 28th May 1960

###### Special Notice

The following group of Abridgments of Patent Specifications has been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1 per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta on cash payment.

Group XXIII

→Proofing fabrics and permeable materials.

(Containing Abridgments of Patent Specifications between Nos. 35,001 and 40,000).

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Group XXIX

→Valves and hydraulic engines.

(Containing Abridgments of Patent Specifications between Nos. 35,001 and 40,000).

##### CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated 19th March 1960.

In page 84, Column 2,

Insert the following under group "R—contd.".

"Ramanen, G.V.—70779".

(2)

In the Gazette of India, Part III, Section 2, dated 26th March 1960.

In page 89, Column 1,

for No. "65265" read No. "65266".

(3)

In the Gazette of India, Part III, Section 2, dated 30th April 1960.

In page 123, Column 1,

Against No. 66070

for "Accepted on 14th July 1960".

read "Accepted on 14th March 1960".

In page 124, Column 1,

Against No. 71043

for "Accepted on 16th July 1960".

read "Accepted on 16th April 1960".

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

12th May 1960

71753. P. B. Menon. An automatic regulator for electric fans or blowers.

71754. Council of Scientific and Industrial Research. Surface active agents from cashew nut shell liquid.

71755. F. J. Badshaw. Improvements in or relating to electrical kettles and the like utensils.

71756. D. N. Dastoor. Improvements in or relating to the cleaning device for cleaning cotton in the blow room department. (Addition to No. 51959).

71757. M. D. Manohar. Dual spacing mechanism for typewriters.

71758. SHELL INTERNATIONALE RESEARCH MAATS-CHAPPIJ N.V. Process for the preparation of normally gaseous olefins.

71759. SHELL INTERNATIONALE RESEARCH MAATS-CHAPPIJ N.V. Process and apparatus for carrying out chemical reactions by means of a molten salt.

71760. MID-WEST ABRASIVE COMPANY. Billet grinding apparatus.

71761. COMMISSARIAT A L'ENERGIE ATOMIQUE. Device for the handling of fuel elements for a nuclear reactor.

71762. PRIMROSE THIRD AXLE COMPANY LIMITED. Improvements relating to hydraulic suspension means for vehicles. (13th May 1959).

71763. MAYBACK-MOTORENBAU G.m.b.H. Improvements in or relating to spur gear drives.

71764. A. Rosenberg. Process of making beads containing stabilized, fat-soluble vitamins, and dry, discrete beads produced thereby.

71765. NORTH WESTERN GAS BOARD and THE CLAYTON ANILINE COMPANY LIMITED. Improvements relating to the removal of hydrogen sulphide from hydrocarbons. (14th May 1959).

71766. CANADIAN INDUSTRIES LIMITED. Improvements in or relating to polymer blends. (20th May 1959).

71767. IMPERIAL CHEMICAL INDUSTRIES LIMITED. New dyestuffs. (2nd July 1959).
71768. COURTAULDS LIMITED. An improved manufacture of inorganic thiocyanates. (14th May 1959).
71769. COURTAULDS LIMITED. Improvements in and relating to the production of fibres. (19th May 1959). (Addition to No. 67303).
71770. W. E O'Shei. Current pulsing circuit which is sensitive to current changes. (22nd May 1959).
71771. BRITISH TELECOMMUNICATIONS RESEARCH LIMITED. Improvements in selective electrical switching arrangements. (15th May 1959).
71772. Radio Corporation of America. Negative resistance diode circuit.
71773. Ciba Limited. New hetero-bicyclic compounds. (16th May 1959).
71774. Ciba Limited. Process and apparatus for the purification of brine.
71775. VEB FARBFABRIK WOLFEN. Process for the manufacture of calcium hydrogen phosphate. (11th February 1960).
71776. L. Strach. Improvements in or relating to jacquard machines.
71777. L. Strach. Improvements in or relating to jacquard machines.
71778. L. Strach. Improvements in or relating to jacquard machines.
71779. FLIGHT REFUELING LIMITED. Improvements in or relating to plugs or closures.
71780. LEPESTIT S.p.A. Pharmacologically active compounds.
71781. SOCIETE GENERALE ISOTHERMOS. Method of babbitting bearings to crescent shape.
71782. STANDARD TELEPHONES AND CABLES LIMITED. Improvements in or relating to stands for cable drums or reels. (23rd September 1959).
71783. UNION CARBIDE CORPORATION. Mesityl oxide. (21st January 1960).
71784. Fram Corporation. Improvements relating to filtering materials. (26th November 1959).
71785. DIAMOND ALKALI COMPANY. Apparatus for the treatment of molten metals.
71786. FARBWERKE HOECHST AKTIENGESELLSCHAFT vormals Meister Lucius & Bruning. Process for preparing air-conditioning yarns, tissues and knit goods.
71787. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing helical filament bodies of electric incandescent lamps.
- 13th May 1960
71788. E: A. Zanzaria. An improved hydraulic jack for cars and trucks.
71789. L. & C. STEINMULLER G.m.b.H. A system and a method for controlling the discharge velocity of air from a multiple nozzle for pulverized coal firing.
71790. IMPERIAL CHEMICAL INDUSTRIES LIMITED. Spray guns. (6th April 1959). (Addition to No. 67825). (Divisional date 27th May 1959).
71791. DUNLOP RUBBER COMPANY LIMITED. Improvements in or relating to industrial belting.
71792. STAMICARBON N.V. Process for preparing cyclohexanons.
71793. United Kingdom Atomic Energy Authority. Improvements in or relating to underwater lighting assemblies. (1st June 1959).
71794. IMPERIAL CHEMICAL INDUSTRIES LIMITED. New and useful compositions. (22nd May 1960).
71795. The British Oxygen Company Limited. Storage of acetylene. (7th July 1959).
71796. VICKERS-ARMSTRONGS (ENGINEERS) LIMITED. Improvements in or relating to apparatus for transferring finely divided material from a storage bunker to a transport container. (14th May 1959).
71797. VICKERS-ARMSTRONGS (ENGINEERS) LIMITED. Improvements in or relating to rotary kilns for cement, ore and similar materials. (14th May 1959).
71798. VICKERS-ARMSTRONGS (ENGINEERS) LIMITED. Improvements in or relating to weighing apparatus. (14th May 1959).
71799. VICKERS-ARMSTRONGS (ENGINEERS) LIMITED. Improvements in or relating to valve assemblies. (14th May 1959).
71800. CALIFORNIA RESEARCH CORPORATION. Leaded gasoline composition.
71801. CIBA LIMITED. Process for the manufacture of polyheterocycles.
71802. CIBA LIMITED. Process for the oxidative conversion of steroids.
71803. CIBA LIMITED. Process for the manufacture of 18-substituted steroids.
71804. CIBA LIMITED. Process for the manufacture of 18-oxygenated steroids.
71805. FARBWERKE HOECHST AKTIENGESELLSCHAFT vormals Meister Lucius & Bruning. Process for the manufacture of linear quinacridone in the beta-crystal phase.
71806. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of 5-fluorocytosine derivatives.
71807. MONTECATINI SOCIETA GENERALE PER L'INDUSTRIA MINERARIA E CHIMICA. Process for preparing dyeable polyolefin textile fibres.
71808. D. S. Sharma. Permanent magnet and alloys therefor.
71809. Dr. A. Baricordi. Method and apparatus for finely dispersing, homogenizing, mixing and adding gases, previously comminuted solids, and liquids.
- 14th May 1960
71810. WESTINGHOUSE ELECTRIC CORPORATION. Improvements in or relating to high current NPNP switch.
71811. K. S. Gopu. Improved soap-cutter.
71812. SANDOZ LTD. Reactive dyestuffs.
71813. A.E.I.-JOHN THOMPSON NUCLEAR ENERGY COMPANY LIMITED. Improvements relating to boiling water nuclear reactors. (15th May 1959).
71814. Esso Research and Engineering Company. Improved hydrocarbon conversion process.
- 16th May 1960
71815. K. S. Veeramoney. Improved driving mechanism for sewing machines having rotating hooks.
71816. H. Alberts. Slide fastener of thermoplastic material.
71817. Mrs. Swaran Kanta Khanna. An improved type of continuous solvent extraction plant for the extraction of oil from oilcakes, oilseeds, rice bran and other oil bearing materials by the use of suitable solvents.
71818. COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH. Manufacture of water soluble sodium carboxy alkyl cellulose.
71819. K. Chawla and H. L. Verma. Cycle jack.
71820. UNION CARBIDE CORPORATION. Fuel cell electrodes. (18th January 1960).
71821. Imperial Chemical Industries Limited. New azo dyestuffs (21st May 1959).
71822. GEVAERT PHOTO-PRODUCTEN N.V. Improvements in or relating to the production of surface-coated papers using surface-brightening agents. (19th May 1959).
71823. I. R. C. Limited. Improvements in ball-tip writing instruments and balls therefor. (19th May 1959).
71824. PIRELLI SOCIETA PER AZIONI. Improvements in or relating to singlecore metal-sheathed electric power cables. (9th March 1960).
71825. CIBA LIMITED. Mixtures of salts of cyclohexyl sulphamic acid, aqueous solutions thereof, and the manufacture of the said mixtures solutions

71826. INSTITUT FRANCAIS DU PETROLE, DES CARBURANTS ET LUBRIFIANTS. Improved process for the preparation of isoprene.

71827. USTAV PRO VYZKUM MOTROVYCH VOZIDEL. Impulsetype speed change gears. 17th May 1960

71828. HOMAP ETABLISSEMENT. Device for changing the program of washing machines.

71829. NATIONAL DISTILLERS AND CHEMICAL CORPORATION. Extrusion process and apparatus.

71830. COMPAGNIE DE SAINT-GOBAIN. Process and apparatus for the manufacture of fibres from glass or other thermoplastic materials.

71831. SHELL INTERNATIONALE RESEARCH MAATS-CHAPPIJ N. V. Novel epoxy alkyl esters, as well as processes for the production thereof and compositions comprising them.

71832. SHELL INTERNATIONALE RESEARCH MAATS-CHAPPIJ N. V. Novel alkyd resins, novel processes for the production of alkyd resins and the use of such alkyd resins.

71833. LEWIS BERGER & SONS LIMITED. Improvements in or relating to thixotropic emulsion compositions.

71834. CLAUDE B. SCHNEIBLE CO. Gas fractionating apparatus.

71835. FESTINGHOUSE BRAKE & SIGNAL COMPANY Limited. Improvements in or relating to semiconductor devices. (29th May 1959).

71836. Aktieselskabet GRINDSTEDVAERKET. Method of producing trisulphamyl anilines or their salts, and of converting the said compounds or their salts into substituted benzothiadiazines.

71837. Massey-Ferguson Inc. Improved hitch for coupling a harvester to a tractor.

71838. Massey-Ferguson Inc. Improved hitch for coupling a harvester to a tractor.

71839. ETERNIT-WERKE LUDWIG HATSCHEK. Improvements in or relating to an apparatus for the production of fibre webs.

71840. FARBWERKE HOECHST AKTIENGESELLSCHAFT, vrmals Meister Lucius & Bruning. Water-insoluble azo-dyestuffs containing metal and process for their manufacture.

71841. CIBA LIMITED. Process for the manufacture of steroids having an 11 β : 18-oxygen bridge.

71842. CIBA LIMITED. Process for the production of 18-substituted steroids.

71843. E. I. du Pont de Nemours and Company. Novel synthetic fibers and filaments.

71844. J. G. Kulkarni. Improvements in or relating to roller pins for supporting wooden rollers on pivots, springs and like supports.

18th May 1960

71845. GLAXO LABORATORIES LIMITED. Antibiotic production. (22nd May 1959).

71846. GLAXO LABORATORIES LIMITED. New chemical compounds. (22nd May 1959).

71847. GLAXO LABORATORIES LIMITED. Antibiotic compositions. (22nd May 1959).

71848. SUNDERS VALVE COMPANY LIMITED. Improvements in and relating to valves for the control of fluids.

71849. GEORGE GOODMAN LIMITED. New or improved screw fastening device. (25th June 1959).

71850. METALLGESELLSCHAFT AKTIENGESELLSCHAFT and STEINKOHLENGAS AKTIENGESELLSCHAFT. Process for the production of low-carbon monoxide gas

71851. L. & C. Steinmuller G.m.b.H. An arrangement for separating the balls from the ash in a ball-operated ash-discharging device.

71852. SANDOZ LTD. Improvements in or relating to pyrimidine dyestuffs. (20th May 1959). (Addition to No. 66642).

71853. CIBA LIMITED. Process for the manufacture of cyclic amides.

#### Alteration of Date

65847. The claim to priority date 20th November 1957 has been disallowed and the application dated as of 17th November 1958, the date of filing in India.  
 65862. The claim to priority date 2nd December 1957 has been abandoned and the application dated as of 18th November 1958, the date of filing in India.  
 65941. The claim to priority date 23rd December 1957 has been disallowed and the application dated as of 26th November 1958, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

64945. P. A. Mueller. Filter plugs for cigarettes and method of and device for manufacturing a filter rope therefor. Accepted on 13th May 1960.  
*Consisting of a bundle of fibres and fibre tufts.*

64966. IMPERIAL CHEMICAL INDUSTRIES LIMITED. Fungicidal compositions. Accepted on 14th May 1960.  
*Comprising N-(4-methyl phenyl) dichloromaleimide and diluent.*

65067. THE ENGLISH ELECTRIC COMPANY LIMITED. Improvements in and relating to electrical control systems involving a detection of the stationery state. (2nd September 1957). Accepted on 14th May 1960.  
*In which a control function is performed in response to an indication of a stationery state of a controlled member in the system.*

65440. Council of Scientific and Industrial Research. A process for the extraction of wax from sisal waste. Accepted on 13th May 1960.  
*Separating the dry waste into "most Cuticle" part and the rest powdering the cuticle part, extracting powdered mass with hot organic solvents and obtaining wax therefrom by distillation.*

65619. United States Steel Corporation. Process and apparatus for cooling hot iron powder agglomerates. Accepted on 12th May 1960.  
*Cooling hot iron powder agglomerate from 700°F and preventing reoxidation by immersing the agglomerates in water and withdrawing them after a brief interval at a temperature at which the sensible heat immediately evaporates.*

65741. MENDIP (CHEMICAL ENGINEERING) LIMITED. Pipe joint member. Accepted on 5th May 1960.  
*A collar surrounding an extremity of the pipe element is present an axially outwardly facing annular jointing face of radial width greater than the wall thickness of the pipe elements.*

65747. The General Electric Company Limited. Improvements in or relating to electric fans. (12th November 1957). Accepted on 5th May 1960.  
*Wherein the body is apertured from the ingress of air and there is an aperture between the spinner and the open mouth.*

65789. P. Runchhoddas. Improvements in or relating to spinning wheels. [Addition to No. 56480]. Accepted on 12th May 1960.  
*A pressure plate made of hardwood, vulcanised fiber or the like is employed for holding the drafting rollers in proper position.*

65791. EGYESULT GYOGYSZER ES TAPSZERGYAR. A process for the production of  $\alpha$ -aryloxy- $\alpha$ -bromoacetic acid esters. Accepted on 12th May 1960.

$\alpha$ -aryloxy acetic acid ester is reacted with N-bromosuccinamide in a solvent medium.

65792. EGYESULT GYOGYSZER ES TAPSZERGYAR. A process for the production of  $\alpha$ -aryloxy- $\alpha$ -phthalimino-acetic acid esters. Accepted on 12th May 1960.

Reacting  $\alpha$ -aryloxy- $\alpha$ -bromo acetic acid ester with alkali metal phthalimide in presence of solvent.

65793. EGYESULT GYOGYSZER ES TAPSZERGYAR. A process for the production of  $\alpha$ -aryloxy- $\alpha$ -(O-carboxy-benzoylamino) acetic acid esters Accepted on 12th May 1960.

Hydrolysing  $\alpha$ -aryloxy- $\alpha$ -phthalimino acetic acid ester with dilute solution of strong alkali.

65806. T. Tachikawa. Process for the manufacture of highly polymerized viscose rayon. (24th January 1958). Accepted on 12th May 1960.

Comprising the steps of xanthating alkali cellulose with a mixture of carbon disulphide and a surface active agent in the presence of a mono-amine dissolving the resulting cellulose in oil aqueous alkali extruding the resulting viscose into spinning bath containing oil solution of sulphuric acid or oxalic acid or mixture of both.

65809. GLAXO LABORATORIES LIMITED. Improvements in or relating to the preparation of steroid derivatives. (19th November 1957). Accepted on 13th May 1960.

A steroid 21-halide, or 21-sulphonyloxy compound is reacted with a phosphoric acid or a partially esterified phosphoric acid in the presence of an organic base in an inert solvent medium.

65832. J. R. Geigy A.G. Process for the production of metallisable trisazo dyestuffs. Accepted on 16th May 1960.

Diazotising an amino monoazo dyestuff and then coupling with a monoazo dyestuff.

65834. STERLING DRUG INC. Process for preparing new monocarbocyclic aryl-carbamyl-lower-alkylamines. Accepted on 14th May 1960.

Reacting N-(monocarbocyclic aryl) carbamyl-lower-alkyl halide with 1, 5-iminocycloalkane or alkene in presence of acid acceptor.

65835. UNITED STATES STEEL CORPORATION. Fluidized-bed reactor. Accepted on 14th May 1960.

In which the discharge device comprises a vertical pipe located at the side of the feeder and extends from the bottom of the fluidised bed just above the partition to a height within the feedboard wall above the bed.

65845. BRITISH INSULATED CALLENDER'S CABLES LIMITED AND BRITISH TRANSPORT COMMISSION. A cantilever structure for a railway electrification system. Accepted on 17th May 1960.

Wherein the strut and tie member and at least the inner part of the registration arm each comprising a rod a tube fabricated from resin bonded glass fibre.

65846. J. R. Geigy A.G. Isoindolinones and processes for the production thereof. Accepted on 17th May 1960.

Reacting 1, 3, 3-trihalogeno-isoindolenines with a hydroxyl compound.

65847. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polymeric materials. (18th June 1958). Accepted on 12th May 1960.

Reacting polyisocyanates with polyethers and adding pigment into the reaction mixture in the form of a preheated paste with an organic liquid.

65862. Christiani & Nielsen A/S. System of vertical projections on the sea floor. Accepted on 16th May 1960.

Each projection, held by own weight, extending upwards through zone nearest sea floor in which solid matter from latter becomes suspended in water and the top side of projection on beside terminates in horizontal edge, transverse to direction of waves, behind which is left water space to provoke on beside of projection creation of horizontal vortex to produce eddies to increase pick-up of solid matter from sea floor and keep it suspended.

65873. J. R. Geigy A.G. Process for the production of new N-heterocyclic compounds. Accepted on 18th May 1960.

Reacting dibenzo [b,f] azepine with phosgene and treating product with a ammonia or alkyl secondary amine.

65874. J. R. Geigy A.G. Process for the production of new N-heterocyclic compounds. Accepted on 18th May 1960.

Reacting 5-(2'-3'-epoxy-propyl)-5-dibenzo [b,f] azepine with alkyl secondary amine.

65875. British Insulated Callender's Cables Limited. Improvements in or relating to cantilever structures for use in overhead electrification systems for railways. (3rd December 1957). Accepted on 18th May 1960.

Comprising an inclined strut, a tie member and an inner registration arm, each of resin bonded glass fibre.

65881. FOSTER TRANSFORMERS LIMITED and R. E. Jennings. Improvements in electrical coil windings. Accepted on 14th May 1960.

In which one face of the foil strip has an insulating oxide coating and the edges of the coil are enclosed by a protective coating of a material capable of forming a hard and heat resisting insulating covering.

65882. R. P. Nair. Improved coventry die. Accepted on 14th May 1960.

Consisting of a body of the die having a dove tailed gap corresponding to the shape of the thread forming bit to be inserted and having a narrow slit and a threaded hole.

65920. JOY MANUFACTURING COMPANY. Improvements in suspension devices for vehicle wheels. Accepted on 16th May 1960.

Includes pivotal mounting means for vertical movement of vehicle wheels and cross-connecting means guided by the vehicle body.

65938. The English Electric Company Limited. Improvements in and relating to electrical bushings assemblies. (9th December 1957). Accepted on 17th May 1960.

Bushed conductor held in ceramic insulator in compression between detachable end-caps.

65939. KLOCKNER-HUMBOLDT-DEUTZ Aktiengesellschaft. Apparatus for heating fine-granular material, particularly cement raw material. (26th September 1958). Accepted on 12th May 1960.

Comprising a vertical sequence of mechanical dust-from-gas separators each having an inlet and a gas out let and a downwardly extending dust discharge pipe, respective gas conduits connecting the gas outlet of each lower separator with the inlet of the next upper separator whereby separators form a continuous ascending flow path for gas.

65941. K. Suga. An apparatus for embodying a method of utilising combustion heat of the coal of low quality. Accepted on 10th May 1960.

Comprising a heating chamber, atleast one combustion container and atleast one heat exchange container and a heat carrier packed in the heating chamber to surround the containers and consisting of a medium selected from inorganic salts.

65958. H. Umezawa, M. Ueda and K. Maeda. Process for producing an antibiotic kanamycin. [Addition to No. 61532]. Accepted on 13th May 1960.

*Cultivating a strain of streptomyces Kanamyceticus in an aqueous carbohydrate solution containing nitrogenous nutrient under submerged aerobic conditions.*

65971. AKTIEBOLAGET BOFORS. Improvements relating to liners for ball and tube mills. Accepted on 12th May 1960.

*Comprises bars of different thicknesses twisted to helical form and mounted side by side on the mill casing.*

65988. N. V. DE BATAAFSCHE PETROLEUM MAATSCHAPPIJ. Process for the polymerization of olefins, the polymers obtained thereby and shaped articles made from such polymers. Accepted on 14th May 1960.

*In presence of inorganic solid material oxides of aluminium and silicon having heterogeneously distributed therein catalytical active components e.g., chromium oxide. ...*

66030. BABCOCK & WILCOX LIMITED. Improvements in pulverising mills. (6th December 1957). Accepted on 14th May 1960.

*Including an upper non-rotary grinding ring and a lower rotary grinding ring, means resiliently urging said upper ring towards said lower ring.*

66053. DRACOME DEVELOPMENTS LIMITED. Improvements in or relating to flexible barges. Accepted on 14th May 1960.

*Having means for exerting a retarding force on the rear end of the barge during its motion through the water.*

66091. JOSEPH LUCAS (INDUSTRIES) LIMITED. Venting plug assemblies for multi-celled electric storage batteries. (16th December 1957). Accepted on 14th May 1960.

*Wherein a plurality of venting plugs, for insertion in sockets in the battery cover, are secured to the underside of hollow cover which forms an interception chamber for gas-borne acid escaping from the battery through venting plug.*

66114. CHAS. PFIZER & CO., INC. Steroids and the preparation thereof. Accepted on 14th May 1960.

*A 9, 11 oxido steroid is treated with a reagent H X where X is halogen, methoxy or ethoxy and if desired the 11 $\beta$ -hydroxyl group is oxidised to a ketogroup.*

66118. R. R. Pardasani. Improvements in or relating to locks. [Addition to No. 66039]. Accepted on 14th May 1960.

*Comprises a locking bar, an auxiliary plate connected to one tumbler and adapted to operate the said tumbler to couple and disouple the 2nd tumbler for locking and unlocking respectively.*

66122. N. V. DE BATAAFSCHE PETROLEUM MAATSCHAPPIJ. Fuel Compositions. Accepted on 18th May 1960.

*Comprising between 10—90 per cent by weight of a hydrocarbon or hydrocarbons having not more than 2 double bonds and 2 carbocyclic rings/mole and of a non-aromatic hydrocarbon or a mixture of such having not more than 3 double bonds and 3—6 carbocyclic rings/mole.*

66127. P. E. BESSIÈRE. Improvements in reciprocating pumps and in particular fuel injection pumps for internal combustion engines. Accepted on 17th May 1960.

*Including a discharge conduit the opening of which prevents the pump from delivering liquid.*

66130. WOODALL-DUCKHAM CONSTRUCTION COMPANY LIMITED. Improvements in or relating to the charging of horizontal coke ovens and like installations. (16th December 1957). Accepted on 12th May 1960.

*Incorporating a barry car having means for removing and replacing a charging hole lid of such battery of cokeovens, the means comprising mechanically operable lid handling means movable about a pivoting axis and capable of being mechanically engaged with the charging hole lid.*

66163. CIBA LIMITED. Manufacture of new mono-aliphatically substituted hydrazines and pharmaceutical compositions containing same. Accepted on 12th May 1960.

*Aliphatic compound substituted by an aryloxy radical and containing a group convertible into a hydrazine group is condensed with hydrazine or a reactive ester of hydroxyl amine or is reduced or hydrolysed to produce substituted hydrazines.*

66370. Ramkanta Bhattacharya. Improvements in or relating to compositions for treating fabrics and permeable materials for water-proofing and like purposes. Accepted on 14th May 1960.

*Heating cashew shell oil to 150°C, keeping said liquid at that temperature for  $\frac{1}{2}$  hour, cooling the temperature, and adding lac to said liquid with stirring.*

66412. CIBA LIMITED. New polysaccharides from sassafras plants and process for obtaining them. Accepted on 18th May 1960.

*Precipitating polysaccharides from an aqueous extract from plants of the sassafras genus with an organic solvent miscible with water.*

66513. MONTECATINI SOCIETA GENERALE PER L'INDUSTRIA MINERARIA E CHIMICA. Treatment of films formed from highly crystalline polymers. Accepted on 13th May 1960.

*Contacting the film with one or more chlorinating, sulphonating or chlorosulphonating agents and thereafter removing any excess agent.*

66854. THE NORWICH PHARMACAL COMPANY. Improvements in or relating to the preparation of nitrofuran compounds. (19th February 1959). Accepted on 16th May 1960.

*Nitrating a N<sup>2</sup>-substituted-N'-furfurylidene hydrazine with a mixture of concentrated nitric acid and sulphuric acid.*

67179. Union Carbide Corporation. Battery assembly. Accepted on 14th May 1960.

*Flat cells are arranged in stacks within a rigid container, wherein side plates are interposed for applying spring like pressure on the assembly, transverse thereof.*

67194. MONTECATINI SOCIETA GENERALE PER L'INDUSTRIA MINERARIA E CHIMICA. Improvements relating to polypropylene yarns. Accepted on 14th May 1960.

*Exchanging elasticity by twisting the yarn at least four times greater than normal and then after drying untwisting it beyond the zero point*

67226. FIAT SOCIETA PER AZIONI. Centrifugal filter, more particularly for the lubricating oil of internal combustion engines. Accepted on 14th May 1960.

*Wherein the filter blades in the centripetal flow chamber extend substantially to a region axially facing the opening of the outlet conduit.*

67378. K. ABILDGAARD trading as LOVENS KEMISKE FABRIK VED A. KONGSTED. A method for the production of 6-trifluoromethyl-7-sulfamyl-1, 2, 4-benzothiadiazine-1, 1-dioxide. (21st April 1958). Accepted on 12th May 1960.

*Reacting  $\alpha$ ,  $\alpha$ ,  $\alpha$ -trifluoro-m-toluidine with chlorosulfonic acid and treating the resulting product with ammonia and then with formic acid.*

67388. CHAS. PFIZER & CO., INC. Therapeutic compositions. Accepted on 12th May 1960.

*By incorporating atleast one Vaccine of the group consisting of virus, rickettsial and bacterial Vaccines with about 0.5 to 4 per cent of a compound of the group consisting of alkali metal alginates and the propylene glycol ester of alginic acid.*

67815. CIBA LIMITED. Water-insoluble disazo-dyestuffs and process for their manufacture. Accepted on 16th May 1960.

*Diazo compound of an amino azo dyestuff free from acid, water solubilising groups is coupled with a hydroxybenzene.*

68031. Aluminium-Industrie-Aktien-Gesellschaft. Improvements relating to methods of and apparatus for manufacturing profiled metal sheet and strip. Accepted on 12th May 1960.

*Sheet or strip is drawn through a number of drawing dies arranged one after another and having die openings of corrugated form.*

68269. Super Oil Seals & Gaskets Limited. Improvements relating to seals and glands for use between relatively rotating members. (4th July 1958). Accepted on 10th May 1960.

*A cup member, a conical compression spring and elastomeric housing attached to sealing member, the cup member and the spring being completely contained within a space inside the housing.*

68330. WOODALL-DUCKHAM CONSTRUCTION COMPANY LIMITED. Improvements in or relating to the removal of hard deposits from the interiors of pipes and the like of industrial plants (10th July 1958). Accepted on 14th May 1960.

*Comprises in combination a rotary abrading element with driving means, and a supporting means for the element adjacent the pipe to be decarbonised, abrading element is adapted to transversely around the interior.*

68368. WESTINGHOUSE BRAKE & SIGNAL COMPANY LIMITED. Improvements in remote control arrangements. (25th July 1958). Accepted on 14th May 1960.

*Wherein the degree of displacement of the output member is at all times dependent upon the positions of every one of the displaceable members.*

68894. McGregor & Balfour Limited. Improvements in bobbins for textile spinning machines. [Addition to No. 52878]. Accepted on 18th May 1960.

*Two flanges secured to and spaced apart by a barrel consisting of a pair of spaced co-axial metallic tubes located ones within the other each end of the inner tube.*

69213. Compagnie De Saint-Gobain (Formerly known as SOCIETE ANONYME DES MANUFACTURES DES GLACES ET PRODUITS CHIMIQUES DE SAINT-GOBAIN, CHAUNY & CIREY). Improvements in or relating to the polymerisation of formaldehyde. Accepted on 18th May 1960.

*Introducing gaseous formaldehyde and a polymerisation catalyst in the vapour state into a reaction chamber.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

59963. 60065. 60877. 60778. 60892. 60911. 60912. 60919. 60955.  
61025. 61064. 61065. 61090. 61232. 61327. 61332. 61407. 61458.  
61668. 61726. 61745. 61993. 62335. 62406. 62442. 62808. 63014.  
63114. 63239. 63322. 63451. 63507. 63517. 63548. 63676. 63851.  
63911. 64178. 64266. 64322. 64466. 65926. 66101.

(2)

58347. 58962. 59091. 59099. 59173. 59245. 59326. 59441. 59462.  
59463. 59464. 59561. 59570. 59575. 59613. 59698. 59732. 59772.  
59775. 59879. 59936. 59980. 60009. 60015. 60042. 60107. 60109.  
60150. 60189. 60235. 60271. 60340. 60433. 60523. 60525. 60531.  
60597. 60705. 60755. 60803. 60891. 61033. 61198. 61326. 61467.  
61609. 61862. 61988. 62134. 62176. 62209. 62216. 62249. 62265.  
62338. 62356. 62477. 62512. 62736. 62744. 62912. 63133. 63140.  
63772.

(3)

58469. 58470. 58645. 59037. 59186. 59208. 59209. 59225. 59230.  
59311. 59501. 59522. 59541. 59542. 59543. 59602. 59603. 59637.  
59638. 59780. 59853. 59935. 59953. 60130. 60219. 60315. 60341.  
60378. 60420. 60437. 60487. 60657. 60997. 61085. 61708. 62210.  
62252. 62460. 62776. 62813. 62851. 62961. 63194. 63307. 63519.  
63841. 63845. 59226.

(4)

59357. 59721. 59725. 59726. 59727. 59728. 59737. 59751. 59758.  
59763. 59771. 59822. 59887. 59892. 59893. 59894. 59928. 59929.  
59947. 59966. 60027. 60074. 60075. 60118. 60239. 60248. 60251.  
60348. 60416. 60649. 60663. 60670. 60677. 60815. 60828. 60863.  
61290. 61339. 61345. 61429. 61483. 61602. 61812. 61912. 62019.  
62061. 62144. 62147. 62180. 62215. 62261. 62386. 62674. 62688.  
62772. 62784. 62871. 62886. 63107. 63134. 63190. 63204. 63276.  
63615. 63617. 63621. 63702. 63794. 63805. 63873. 64216. 64415.

(5)

60499. 60819. 61427. 61428. 61476. 61481. 61505. 61506. 61528.  
61533. 61572. 61578. 61642. 61701. 61758. 61833. 61878. 61973.  
62003. 62154. 62203. 62290. 62697. 62719. 62769. 62894.  
62909. 62913. 62979. 63084. 63126. 63263. 63398. 63586. 63742.  
63789. 63741. 63813. 63831. 63966. 63971. 64064. 64109. 64145.  
64224. 64242. 64251. 64291. 64394. 64462. 64499. 64611. 63321.

#### Patents Sealed

61579. 62874. 63141. 63202. 63280. 63973. 63990. 63991. 64005.  
64006. 64009. 64017. 64026. 64052. 64063. 65622. 65914. 65949.  
65983. 65984. 66051. 66059. 66106. 66144. 66145. 66206. 66207.  
66219. 66220. 66221. 66222. 66316. 66318. 66535. 66560. 66603.  
66830. 66839. 66934. 68252. 68287.

#### Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Canadian Ingersoll-Rand Company, Limited, a Corporation of Canada, having an office at Birks Building, Phillips Square, Montreal, Quebec Canada, and Bird Machine Company, a Corporation organized and existing under the laws of the State of Massachusetts, located at South Walpole, State of Massachusetts, United States of America seek leave to amend the claims in the specification in respect of Patent No. 62892. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

49830 ]  
52458  
52459  
52908  
53207  
53549  
53710  
53841  
53976  
to  
53978  
54041  
to  
54043  
54159  
54253  
54291  
54292  
54507  
54574  
55044  
to  
55046  
55523  
55681  
55778  
to  
55780  
55820  
55953  
56167  
56406  
56803  
56728  
to  
56731  
57213  
57324  
57506  
57507  
57961  
58016  
58017  
58215  
58447  
58549  
58550  
58770  
58771  
58806  
58981  
59343  
59346  
59347

Indian Telephone Industries Limited.

**Renewal Fees Paid**

27561. 28100. 28120. 28155. 29286. 29343. 29344. 32748. 32749.  
 32766. 32790. 32791. 32838. 32839. 32840. 32841. 32842. 32918.  
 34872. 34880. 34934. 34951. 34952. 34973. 35006. 35642. 35683.  
 36212. 37544. 37655. 37670. 37725. 37829. 37885. 37967. 38401.  
 38874. 39820. 39876. 39933. 39943. 39967. 39973. 39975. 39985.  
 40021. 40041. 41429. 41464. 41465. 41484. 41496. 41499. 41594  
 41704. 41706. 41721. 41836. 41940. 41978. 42670. 42782. 43166.  
 43216. 43278. 43324. 43334. 43367. 43385. 43387. 43448. 43453.  
 43553. 44069. 44829. 45271. 45303. 45349. 45350. 45351. 45379.  
 45406. 45407. 45522. 45891. 46133. 46479. 46664. 47177. 47183.  
 47216. 47217. 47319. 47354. 47363. 47370. 47397. 47407. 47421.  
 47422. 47428. 47430. 47557. 47596. 47600. 47655. 47875. 48050.  
 49162. 49596. 49688. 49700. 49749. 49750. 49752. 49806. 49892.  
 49901. 49921. 50000. 50069. 50095. 50157. 50464. 50473. 50660.  
 51658. 51872. 51873. 51902. 51937. 51946. 51949. 51970. 52022.  
 52137. 52152. 52164. 52172. 52243. 52281. 52301. 52363. 52436.  
 52443. 52546. 52759. 52760. 52801. 54501. 54617. 54635. 54647.  
 54663. 54674. 54694. 54733. 54753. 54754. 54789. 54794. 54804.  
 54831. 54848. 54857. 54886. 54952. 54956. 54963. 54964. 54967.  
 54983. 55138. 55374. 55472. 55580. 55748. 55764. 55796. 55868.  
 56834. 57137. 57207. 57260. 57369. 57388. 57392. 57407. 57459.  
 57474. 57487. 57513. 57514. 57520. 57527. 57569. 57595. 57641.  
 57642. 57686. 57696. 57698. 57706. 57715. 57770. 57835. 57851.  
 57880. 57881. 57883. 58007. 58023. 58082. 58113. 58169. 58220.  
 58221. 58356. 58377. 58378. 58397. 58829. 59025. 60155. 60270.  
 60356. 60418. 60463. 60573. 60574. 60697. 60859. 61068. 61097.  
 62384.

**Cessation of Patents**

49903

**Restoration Proceedings**

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent:

No. 41729—Shri Dhar.

The patent ceased on the 25th July 1958 owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 15th November 1958. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta 17 on or before the 9th July 1960.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:

50485—Garware Finance Corporation Private Ltd.

The patent ceased on the 19th October 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 27th February 1960. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta 17 on or before the 9th July 1960.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:

52295—Garware Finance Corporation Private Ltd.

The patent ceased on the 6th July 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 14th May 1960. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta 17 on or before the 9th July 1960.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 101754. The Patent Tiffin Carrier Sanghvi Co., an Indian Partnership firm of 110, Shivaji Nagar, Poona 5, Bombay State, India, "Kettles", October 21, 1959.

Class 3. Nos. 103283 to 103286, Jairam Nichaldas Nagpal, an Indian National of 3rd Carter Road, Pandit Chawl, Borivali, Bombay 48, "Plastic toys", January 22, 1960.

Class 3. Nos. 103444 to 103447, Rakhal Chandra Choudhury, Indian Subject, C/o Arun Bag Works, No. 5, Brajadulal Street, Calcutta 6, West Bengal, "Handle", February 2, 1960.

Class 4. No. 102970, Kaypee Products (India) 82, Ripon Street, Calcutta 16, West Bengal, (India), Indian Partnership firm, "Glass bottles", December 31, 1959.

Class 5. No. 102597, Dulichand Agarwala, Dinbazar, P. S. Kotwali, P. O. & District Jalpaiguri, West Bengal, Indian subject, "Label", December 10, 1959.

Class 5. No. 103735, Thumbal Govinda Chettiar Rajagopal Chetty, trading as Diamond Soap Industries, Shevapet Main Road, Salem-2, S. India, subject of the Indian republic, "Label", February 26, 1960.

Class 13. Nos. 103183 to 103185, The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", January 21, 1960.

Class 13. Nos. 103403 and 103404, The Victoria Mills Limited, an Indian company of De Lisle Road, Parel, Bombay 13, "Cotton piecegoods", January 27, 1960.

Class 13. Nos. 103437 and 103438, The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", January 29, 1960.

Class 13. Nos. 103462 and 103463, The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay 1 (India), "Textile goods", February 4, 1960.

Class 13. Nos. 103479 and 103480, The Asoka Mills Limited, Post Box No. 1050, Naroda Road, Ahmedabad, Indian Company, "Cotton textile fabrics", February 4, 1960.

Class 13. Nos. 103502 to 103515, M/s. Jiyajeerao Cotton Mills Ltd., Birlanagar (Gwalior), an Indian Company, "Cloth" February 5, 1960.

Class 13. Nos. 103540 to 103550, Crown Spg. & Mfg. Co. Ltd., Ghokhale Road (South), Parel, Bombay 13, Indian, "Textile goods", February 8, 1960.

Class 13. Nos. 103598 to 103600, 103602 to 103606, 103608, 103609 and 103611 to 103615, Crown Spg. and Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay 13, Indian, "Textile goods", February 12, 1960.

Class 13. Nos. 103666 to 103689, The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", February 16, 1960.

Class 13. Nos. 103670 to 103673, Calico Dyeing and Printing Mills Private Ltd., Industrial Estates, 41 E Parel Chawl Road, Lalbaug, Bombay 12, Indian Business concern (Private Limited Company), "Textile goods including silks and Art-Silk piecegoods", February 16, 1960.

Class 13. No. 103687, The Bombay Dyeing & Mfg. Co. Ltd., 'Neville House', Ballard Estate, Bombay 1, an Indian Company incorporated in India, "Textile goods", February 19, 1960.

- Class 13. Nos. 103818 to 103827 and 103829, Messrs. The Phoenix Mills Ltd., an Indian Company of Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", March 3, 1960.
- Class 13. Nos. 103860 and 103861, H. A. Shah & Co., Partnership concern, Indian, of Vasant Vijay Mills "Vasant Vijay", 470/471, Worli Road, Bombay 18 (India), "Textile goods", March 7, 1960.
- Class 13. Nos. 103862 to 103879, M/s. Jiyajeerao Cotton Mills Ltd., Birlanagar (Gwalior), an Indian Company, "Cloth", March 7, 1960.
- Class 13. Nos. 103889 and 103890, The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", March 8, 1960.
- Class 13. No. 103894, H. A. Shah & Co., Partnership concern, Indian, of Vasant Vijay Mills "Vasant Vijay", 470/471, Worli Road, Bombay 18 (India), "Textile goods", March 8, 1960.
- Class 13. Nos. 103905 to 103914, Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay 13, Indian, "Textile goods", March 11, 1960.
- Class 13. Nos. 104047 to 104054, Messrs. The Phoenix Mills Ltd., an Indian Company of Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", March 15, 1960.
- Class 13. No. 104057, Balubhai Kanji Modi trading as Tribhovandas & Co., of Mulji Jetha Market, Krishnraj Gulli, First Floor, Bombay No. 2, Indian, "Textile goods", March 16, 1960.
- Class 13. No. 104073, The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", March 18, 1960.
- Class 13. Nos. 104084 to 104089, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, "Textile piece goods", March 19, 1960.
- Class 13. Nos. 104084 to 104089, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, "Textile piece goods", March 19, 1960.
- Class 13. No. 104168, The Victoria Mills Limited, an Indian Company of De Lisle Road Parel, Bombay 13, "Cotton piece goods", March 28, 1960.
- Class 13. Nos. 103098 to 103101, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, "Textile piece goods", January 12, 1960.
- Class 14. No. 102065, The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay 1 (India), "Textile goods", November 13, 1959.
- Class 14. No. 103097, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, "Textile piece goods", January 12, 1960.
- Class 14. No. 103828, Messrs. The Phoenix Mills Ltd., an Indian Company of Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", March 3, 1960.

Dr. S. VENKATESWARAN  
Controller-General of Patents, Designs and  
Trade Marks